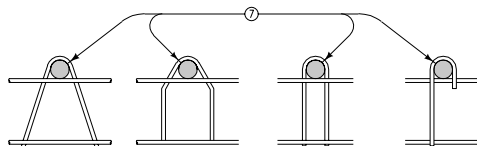
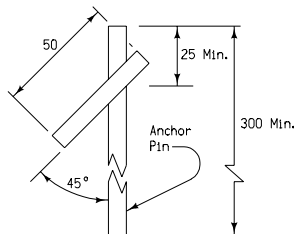


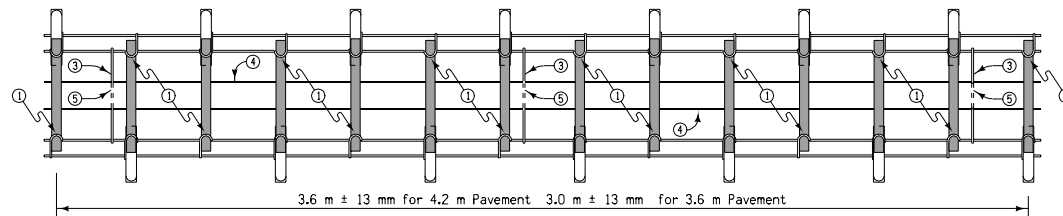
SECTION THRU EXPANSION JOINT



OPTIONAL LEG ASSEMBLIES

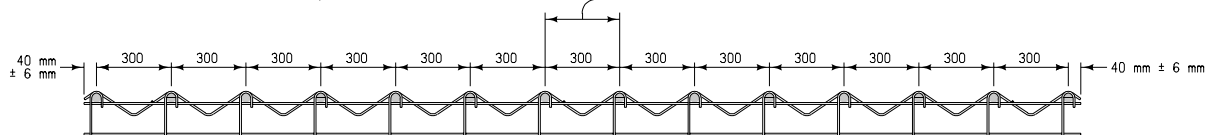


ANCHOR PIN DETAILS



PLAN VIEW

Spaces between dowel bars are nominal dimensions with a 1/4" allowable tolerance.



ELEVATION

JOINT OPENING AND EXPANSION TUBE EXTENSION

Joint Type	(X)	Minimum Tube Length
"ED"	25 mm	152 mm
"EE"	50 mm	178 mm
"EF"	100 mm	229 mm

DOWEL HEIGHT AND DIAMETER

(T)	(DH) ⑥	Diameter
180-190 mm	90 mm	20 mm
200-240 mm	110 mm	30 mm
250-290 mm	135 mm	35 mm
300-330 mm	160 mm	35 mm

GENERAL NOTES:

Dowel bars shall be 457 mm long with a tolerance of ± 3 mm. The centerline of individual dowels shall be parallel to the other dowels in the assembly within ± 3 mm.

Wire sizes shown are minimum required, and the wire shall have a minimum tensile strength of 345 MPa.

- ① Weld alternately thru-out.
- ② #1/0 gauge (8 mm diameter) wire.
- ③ (3) #10 gauge (4 mm diameter) wire, tie wire welded or friction fit to top longitudinal wire, both sides.
- ④ 6 mm dia. wire minimum
- ⑤ Clip and remove center portion of tie during field assembly.
- ⑥ Measured from the centerline of dowel bar to bottom of support wire +5 mm.
- ⑦ Diameter of bend around dowel is dowel diameter +3 mm to 5 mm.
- ⑧ Anchor pins shall be #1/0 gauge (8 mm diameter) wire and shall prevent movement of assembly during construction.

All dimensions given in millimeters unless noted.

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	STANDARD ROAD PLAN RH-56	
	REVISION: Revise circle notes.	REVISION NO. 5
	APPROVED BY DESIGN METHODS ENGINEER	
METRIC VERSION	FABRICATION DETAILS EXPANSION JOINT DOWEL ASSEMBLY	
	REVISION DATE 04-20-04	